

**A NOVEL METHOD FOR DNA AMPLIFICATION USING DNA BLOCKING  
PROBES**

**Abstract of the Disclosure**

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A process is disclosed for the amplification of a DNA template by subjecting a sample of biological material containing a target nucleotide sequence to amplification using a non-extendable oligonucleotide blocker. The method comprises using oligonucleotide primers and blockers to create primer extension products that are susceptible to cleavage by double-  
10 strand-specific ribonucleases. The continuous production and cycling of ribonuclease cleaved products allows for amplification of a target sequence.

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